

FIG.1

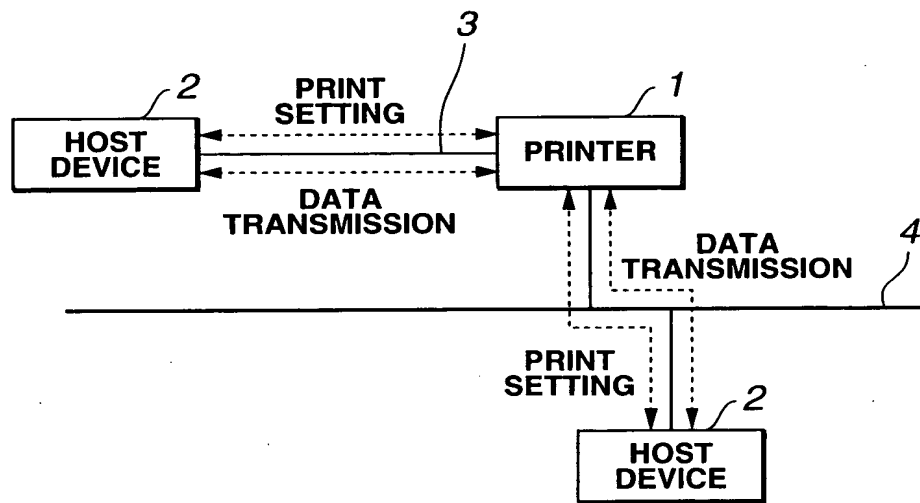


FIG.2

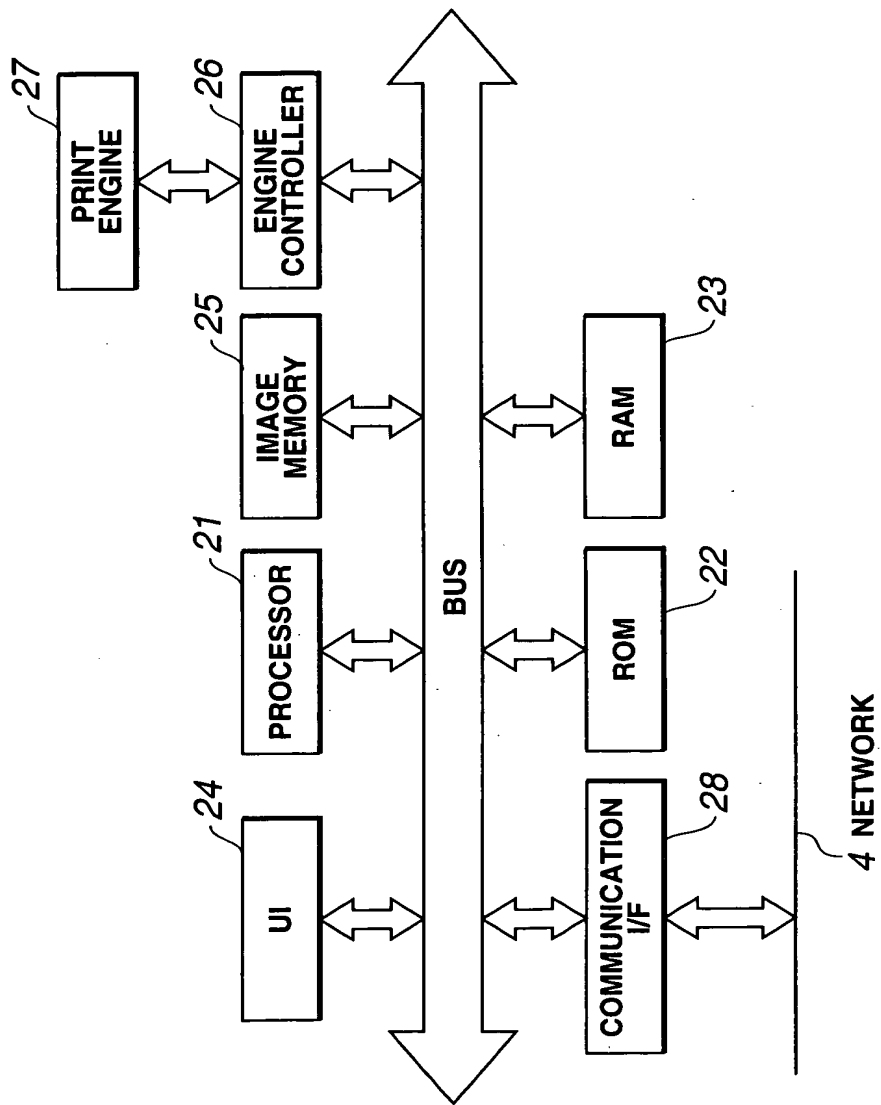


FIG. 3

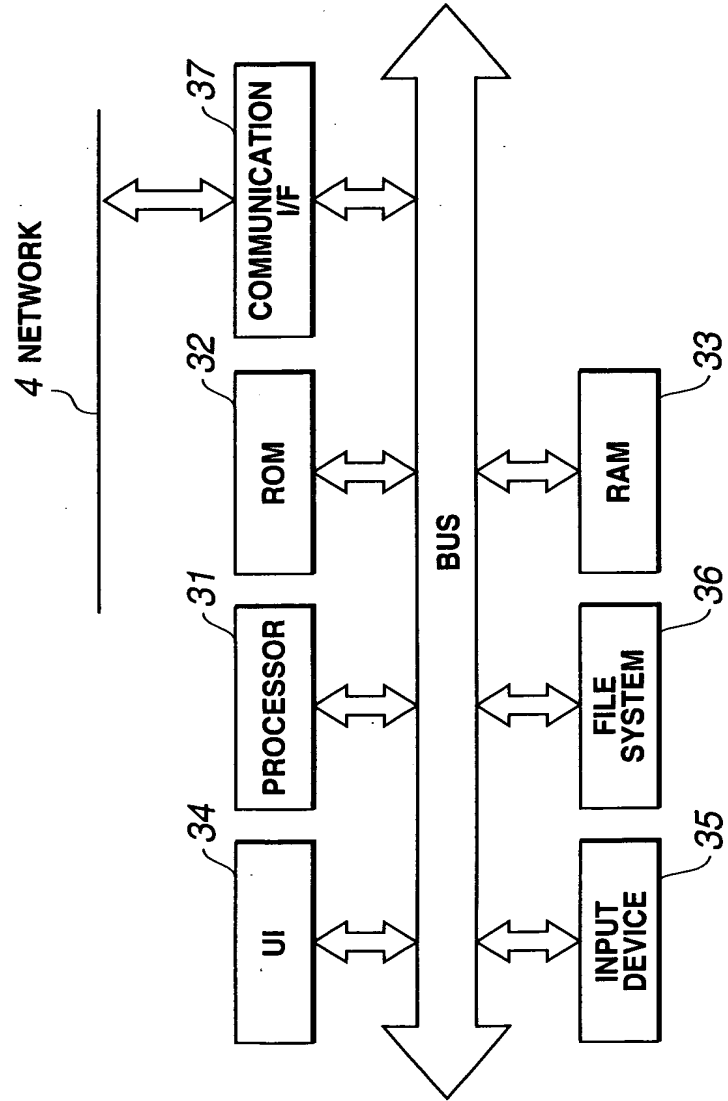


FIG.4A

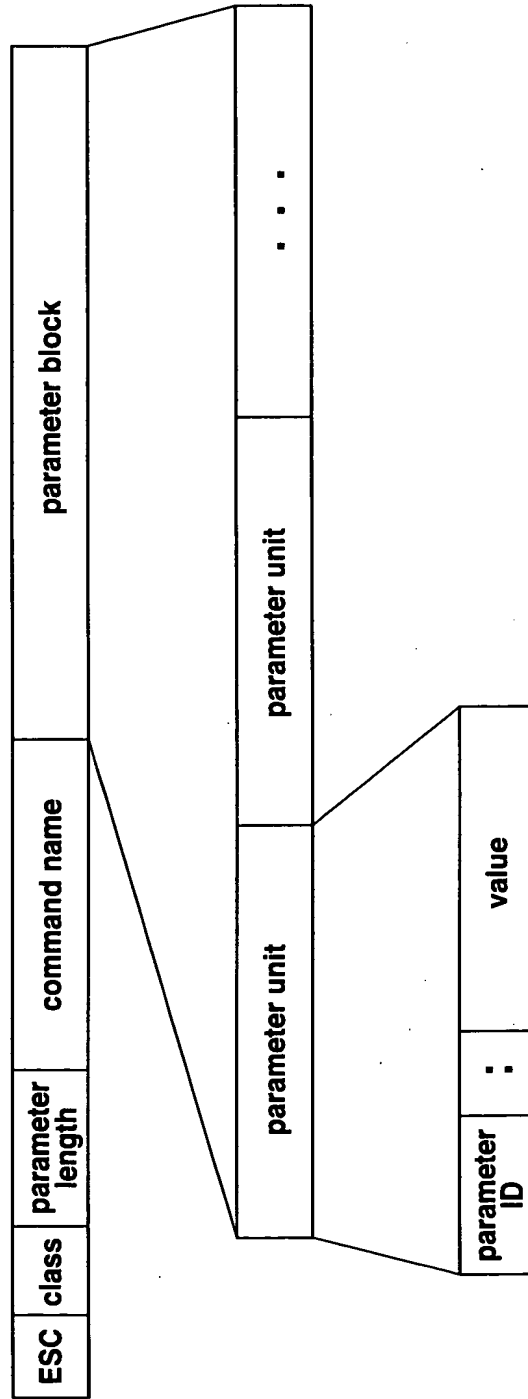


FIG.4B



FIG.5

[m: qlty] set printing quality

host → printer

param. ID	value length	contents
--------------	-----------------	----------

M **2** **media quality (media)**

0	Plain Paper
1	Fine Paper
2	Super Fine Paper
3	Transparency
4	Glossy Film
5	Glossy Paper
6	Back Print Film

Q **1** **quality (quality)**



P **6** **color management for photograph (cmpht)**
T **6** **color management for text and graph (cmtxt)**

Br	Cn	St	R	G	B
-----------	-----------	-----------	----------	----------	----------

Br : **Brightness**
Cn : **Contrast**
St : **Saturation**
R : **Red**
G : **Green**
B : **Blue**

B **1** **black and white printing (bwprt)**

0	color printing
1	black and white printing

009060-0729960

[illegible]

0	microwave off
1	standard microwave
2-265	expansion microwave

0	two-way printing
1	one-way printing

0	dither (high speed)
1	error deffusion (high picture quality)

H	2	horizontal resolution (hres)
V	2	vertical resolution (vres)

L	2	ID of user defined LUT (lut-id)
---	---	---------------------------------

[illegible]

host → printer

1	2	ID (id)
+	4	data length (dtlen)

Figure 1. The effect of the number of trials on the mean accuracy of the responses ($n = 10$) for each condition. Error bars represent standard error of the mean.

host → printer

D	2	denominator (denomi)
---	---	----------------------

FIG.9

[p: rpla] reply page availability

host ← printer

param. ID	value length	contents
D	2	denominator (denomi)
W	4	maximum width (width)
H	4	maximum height (height)
T	4	minimum top margin (tmrgin)
L	4	left margin (lmrgin)
R	4	minimum right margin (rmrgin)
B	4	minimum bottom margin (bmrgin)

0099060" 01299900

FIG.10

[p: make] make page

host -> printer

param. ID	value length	contents
--------------	-----------------	----------

D	2	denominator (denomi)
---	---	----------------------

W	4	width (width)
H	4	height (height)

T	4	top margin (tmrgin)
---	---	---------------------

A	1	arrangement
---	---	-------------

0	automatic arrangement
1	individual arrangement
2	perpendicular serial arrangement

H	2	horizontal division (hdiv)
V	2	vertical division (hdiv)

X	1	horizontal padding ratio (hpadd)
Y	1	vertical padding ration (vpadd)

0055310 090600

00000"01255360

FIG.11

[p: fini] page finished host ← printer

param. ID	value length	contents
--------------	-----------------	----------

S 2 Status (status)

0	normal termination
1	abnormal termination
2	suspension due to [p:term]
3	reception of [p:term] after completion of processing

FIG.12

[o: req#] request object numbers host → printer

param. ID	value length	contents
--------------	-----------------	----------

N 2 number of object numbers (nobj)

005000-0755960

FIG.13

[p: endp] end of page host → printer

param. ID	value length	contents
--------------	-----------------	----------

S	1	eject (eject)
---	---	---------------

0	no paper feed after completion of printing
1	paper feed after completion of printing

[illegible]

```
host -> printer
```

E 1 eject (eject)

0	no paper feed after suspension
1	paper feed after suspension

FIG.15

[o:iss#] issue object numbers host ← printer

param. ID	value length	contents
--------------	-----------------	----------

N	2	number of object numbers (nobj#)
#	2	object number (obj#)

005000 0729900

FIG.16

[o:mkim] make image object

host -> printer

param. ID	value length	contents
--------------	-----------------	----------

#	2	object number (obj#)
---	---	----------------------

D	2	denominator (denomi)
---	---	----------------------

X	4	horizontal position (xpos)
Y	4	vertical position (ypos)

W	4	printing area width (width)
H	4	printing area height (height)

R	1	rotate (rotate)
---	---	-----------------

0	no rotation
1	90 degree in the clockwise direction
2	180 degrees
3	90 degrees in the counterclockwise direction
4	no rotation or 90 degrees in the clockwise direction
5	no rotation or 90 degrees in the counterclockwise direction

F	1	aspect fitting (asffit)
---	---	-------------------------

0	fitting of image data
1	fitting of object deveopmental area
2	fitting of both image data and object developmental area

005540-005540

FIG.17

A **2** **alignment (align)**

upper bytes: vertical arrangement

0	arrange upper end
1	arrange center portion
2	arrange lower end

lower bytes: horizontal arrangement

0	arrange left end
1	arrange center portion
2	arrange right end

Q **1** **quick decoding (quick)**

0	no high-speed development
1	high-speed development

I **1** **intent (intent)**

0	photograph
1	text/graph

Z **4** **size of image data (dtsize)**

FIG.18

P **2** **photo creation (photor)**

0	no application of APF
1	application of APF
2	application of simplified APF

lower bytes : APF applicable items

—	MH	MS	MG	S	D	T
---	----	----	----	---	---	---

T : tone (0: standard, 1: contrast, 2: sepia color)

D : correction for digital camera

S : sharpness (0: off, 1: on)

MG : memory color correction/green (0: off, 1: on)

MS : memory color correction/sky (0: off, 1: on)

MH : memory color correction/flesh color (0: off, 1: on)

S **16** **statistical data (stsdatt)**

T **12** **trimming guide (trimgd)**

OH	OV	TH	TV
L	W		

OH : horizontal offset

OV : vertical offset

TH : horizontal trimming (with codes)

TV : vertical trimming (with codes)

L : length

W : width

B **6** **border line**

OH	OV	W
----	----	---

OH : thorizontal offset

OV : vertical offset

W : width

FIG.19

B **6** **border line**

OH	OV	W
-----------	-----------	----------

OH : horizontal offset

OV : vertical offset

W : width

> **9** **style of caption 1 (style1)**

) **9** **style of caption 2 (style2)**

offset	pos	pitch	size	R	G	B
---------------	------------	--------------	-------------	----------	----------	----------

-	-	-	-	I	A	P
----------	----------	----------	----------	----------	----------	----------

> **48** **text string of caption 1 (str1)**

) **48** **text string of caption 2 (str2)**

FIG.20

[o:rls] release object host ← printer

param. ID	value length	contents
--------------	-----------------	----------

#	2	object number (obj#)
---	---	----------------------

S	2	status (status)
---	---	-----------------

0	normal termination
1	abnormal termination
2	termination due to suspension of page processing

005060-07E9560

FIG.21

[d:dreq] data request

host ← printer

param. ID	value length	contents
--------------	-----------------	----------

#	2	object number (obj#)
---	---	----------------------

L	4	requested length (reqlen)
---	---	---------------------------

0055340 006600

FIG.22

[o:dsnd] send data host ← printer

param. ID	value length	contents
--------------	-----------------	----------

2 object number (obj#)

S 2 status (status)

0	normal
1	EOF
2	incorrect object number of data request

+ 4 data length (dtlen)

005000 01E35300

FIG.23

[o:seek] seek

host ← printer

param. ID	value length	contents
--------------	-----------------	----------

2 object number (obj#)

0 2 origin (origin)

0	top of data
1	current readout position
2	end of data

L 4 offset

0055310.0055300

FIG.24

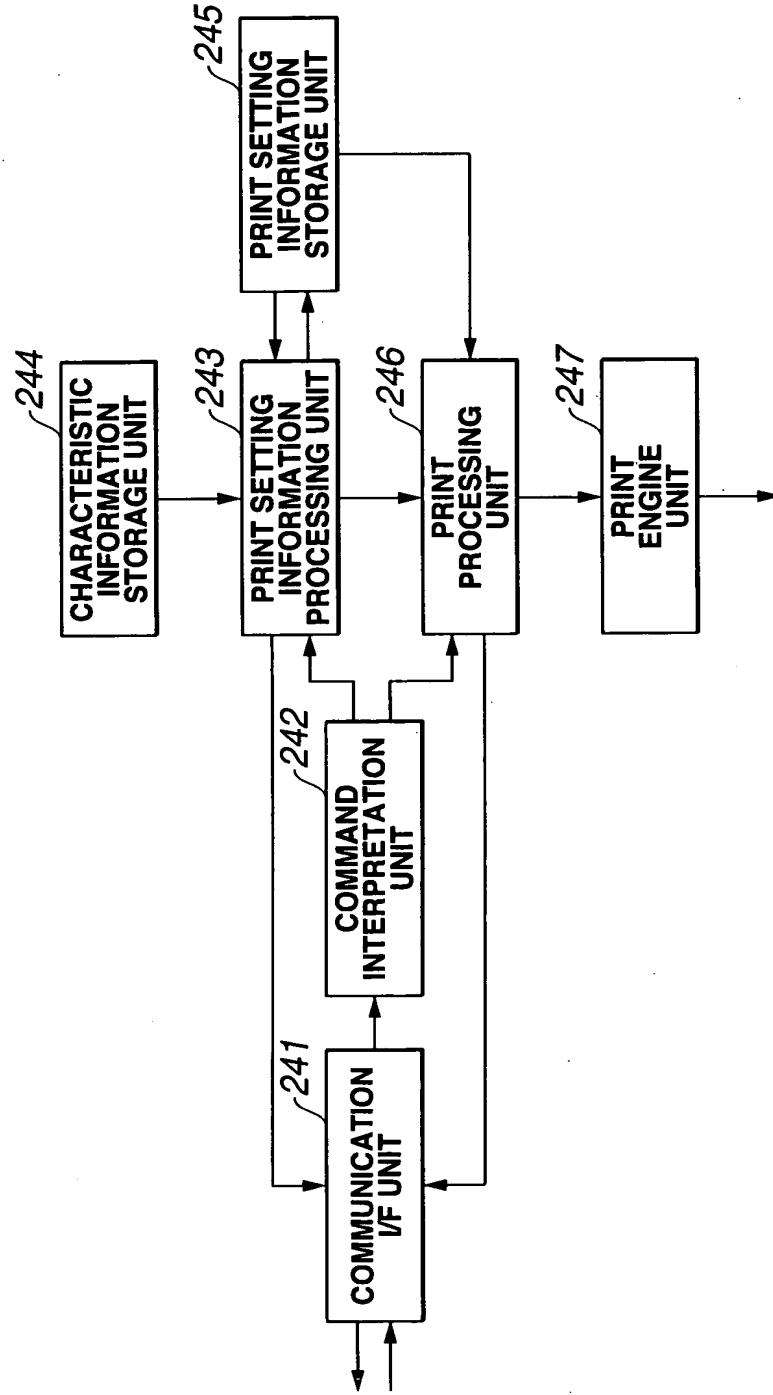
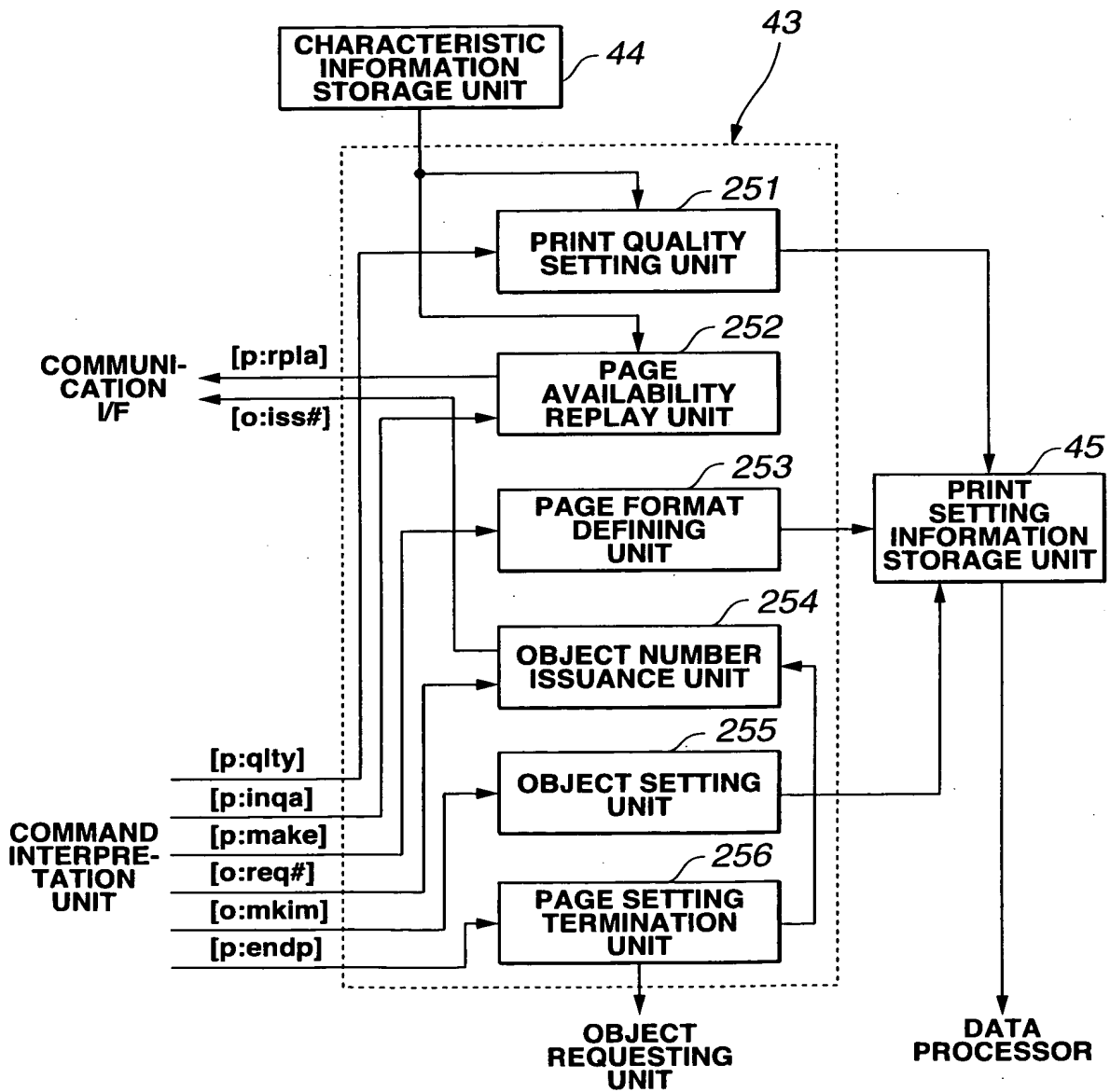


FIG.25



009060-01E99900

FIG.26

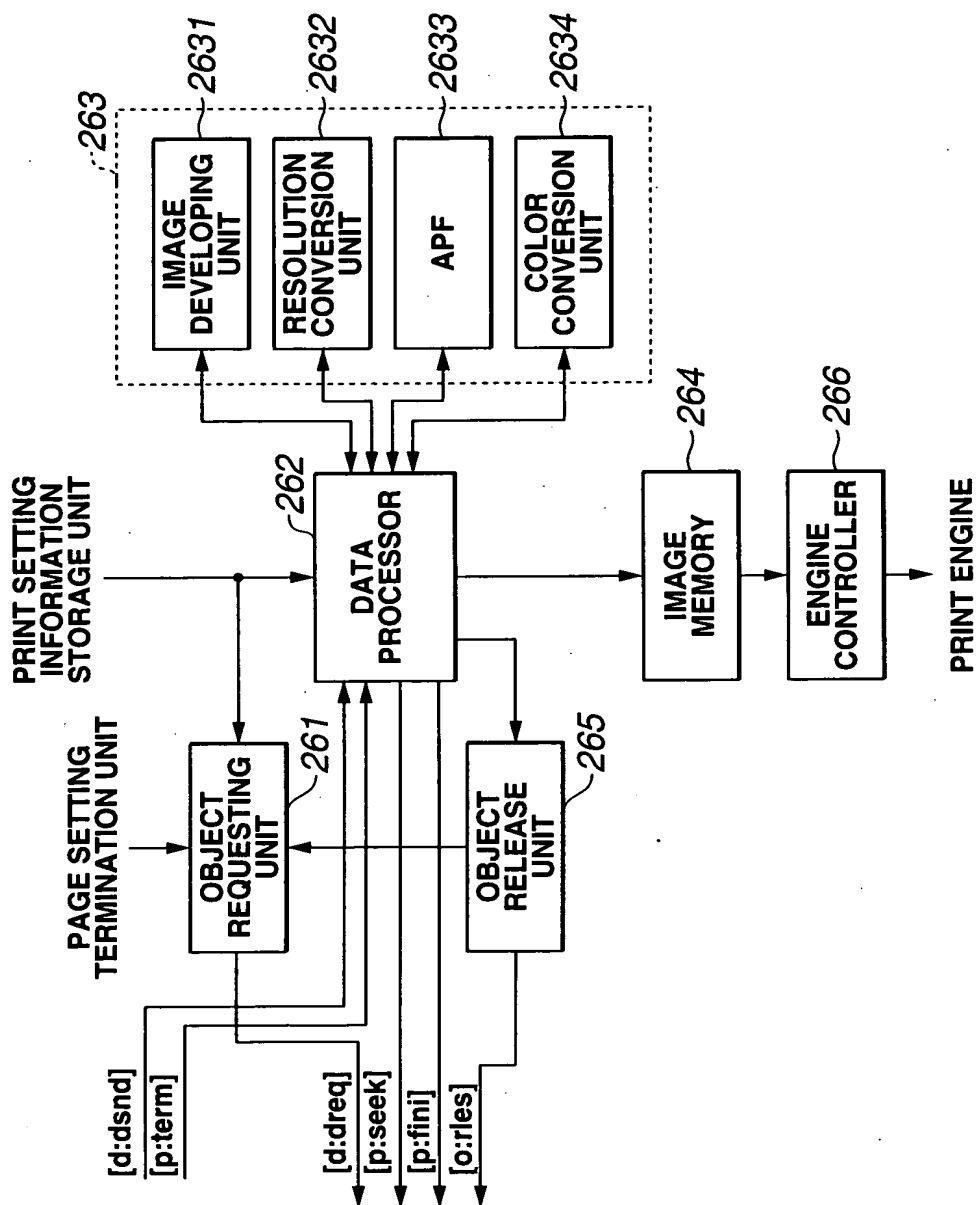


FIG.27

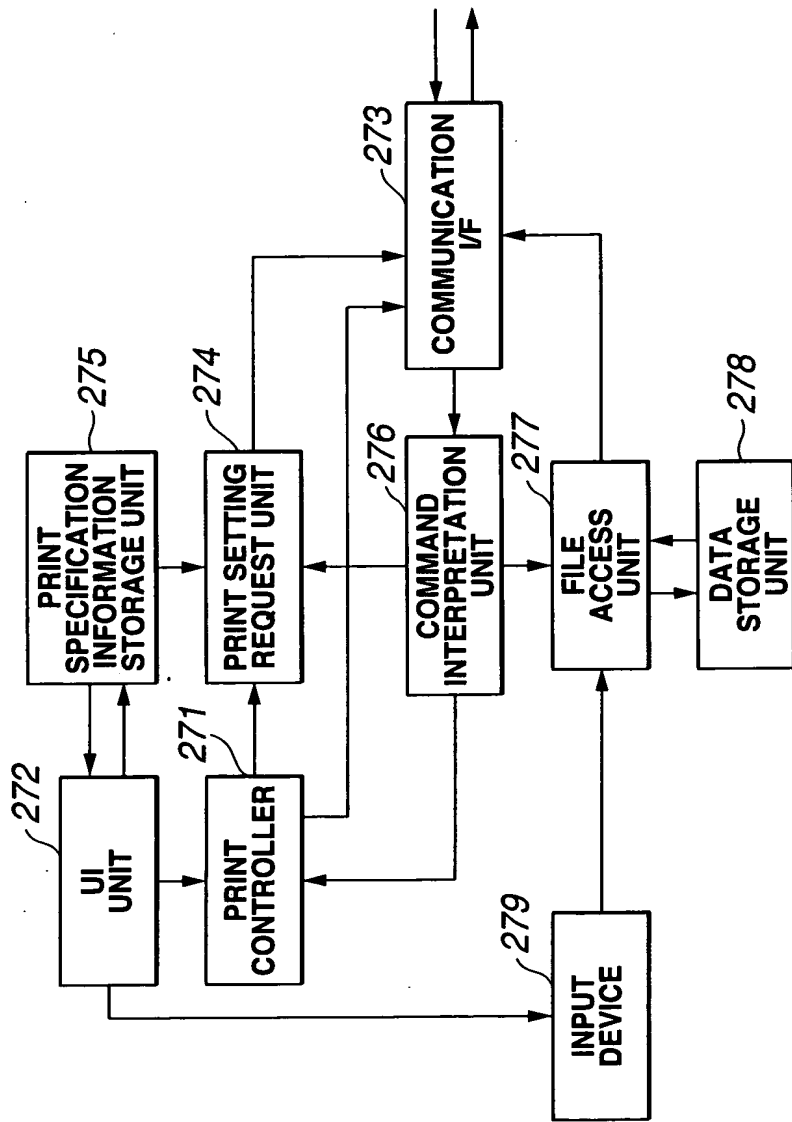


FIG.28

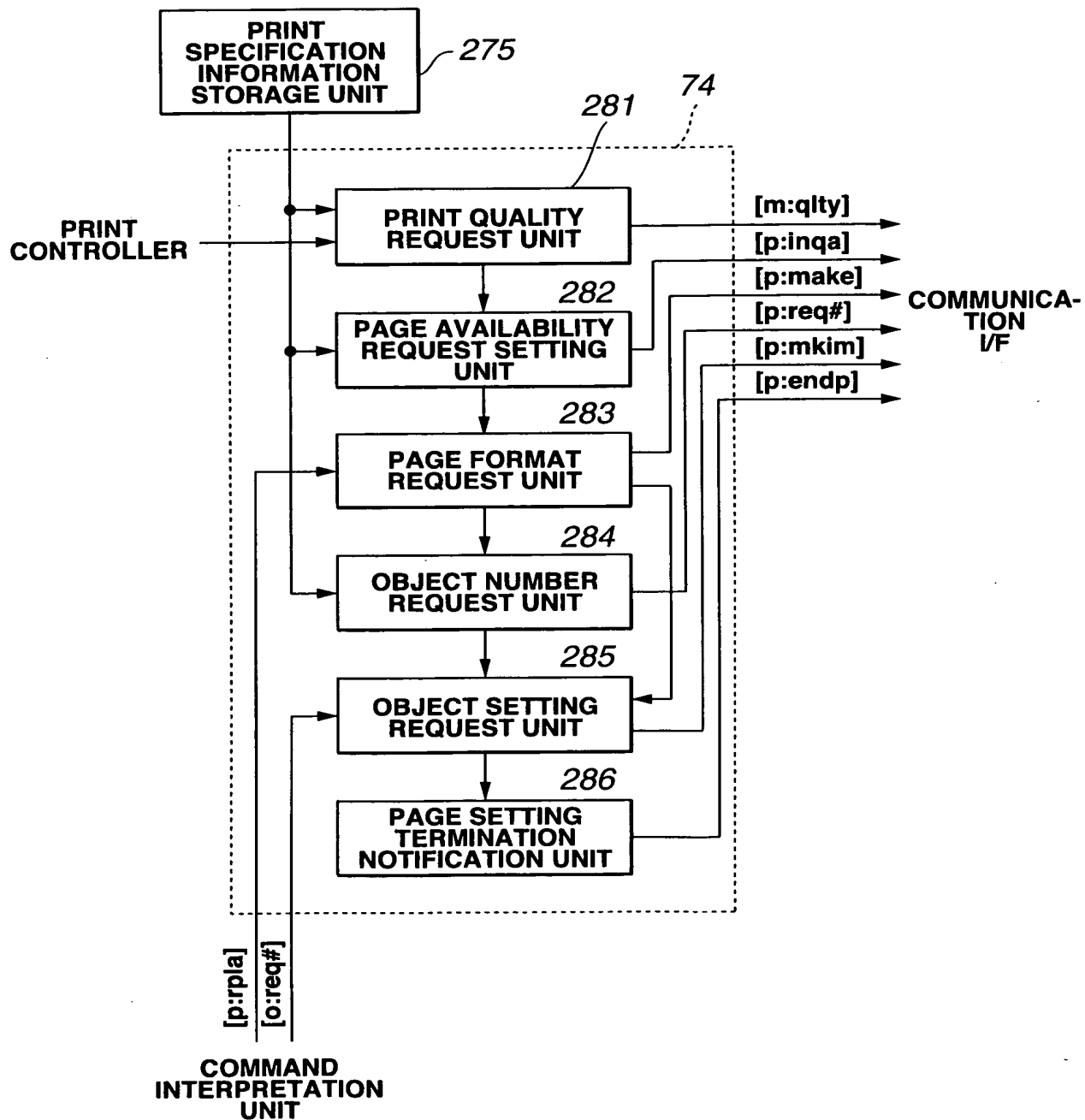
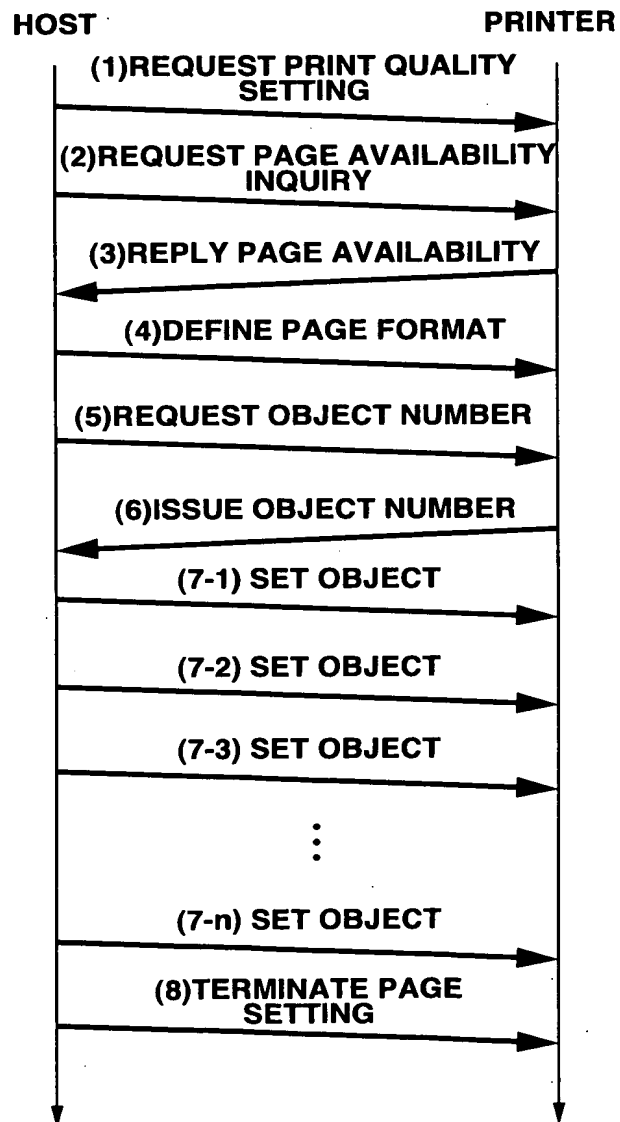
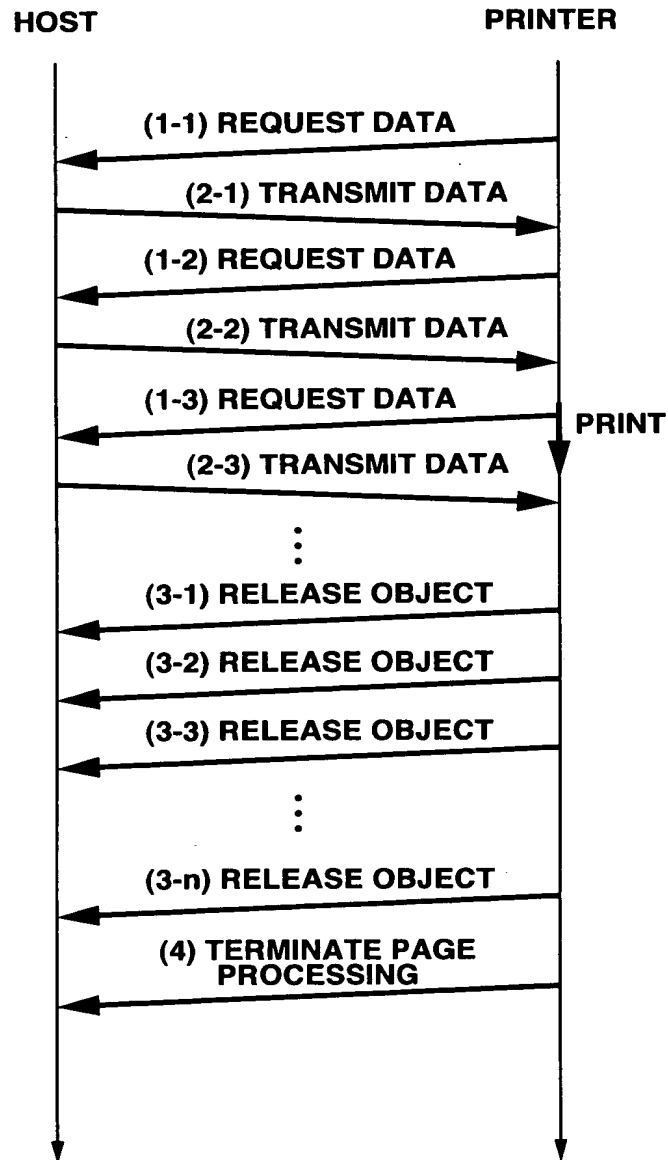


FIG.29



0056310-005600

FIG.30



005060-0729900

FIG.31

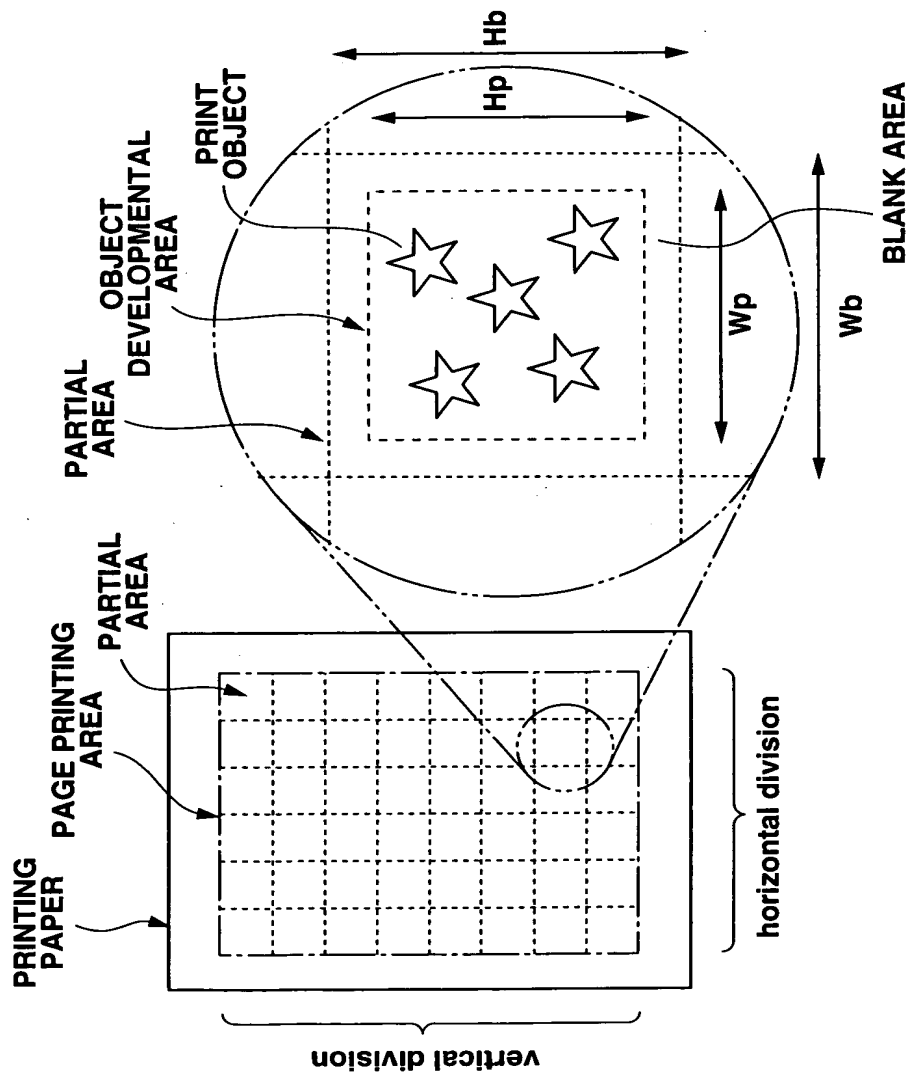
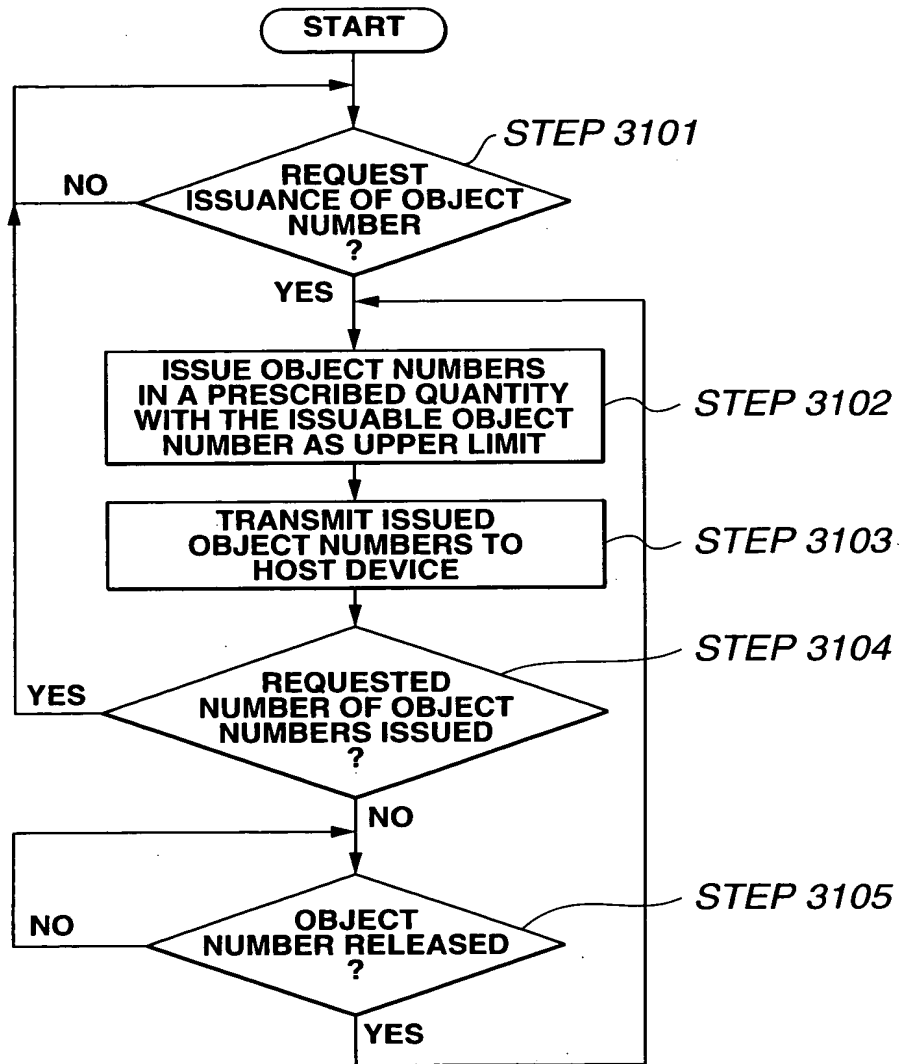


FIG.32



0055310-095500

FIG.33

